



Recycling Means Business

Recycling Helps Pennsylvania's Economy

Recycling manufacturing involves the conversion of recyclables into new products. The primary recycling industries in Pennsylvania are steel mills, paper and paperboard mills, plastic converters, glass container plants and nonferrous metal manufacturers. These and other recycling manufacturers employ more than 64,000 people with a payroll of almost \$2.5 billion and annual sales of more than \$15.5 billion.

Reuse and remanufacturing focuses on the refurbishing and repair of products. The largest activities are retail sales of used motor vehicle parts and used merchandise. Reuse and remanufacturing contributes more than 7,000 jobs, a payroll of \$115 million and sales of more than \$500 million annually.

Municipal and private collectors, material recovery and composting facilities, and recyclable material wholesalers employ nearly 10,000 people in Pennsylvania with a payroll of \$284 million and annual sales of \$2.3 billion.

Support businesses that provide goods and services to the recycling and reuse establishments also contribute to the Commonwealth's economy. Recycling and reuse equipment manufacturers, consulting/engineering services, brokers and transporters contribute an additional 13,297 jobs and \$1.8 billion in annual receipts.

Recycling Contributes to State Revenues

Pennsylvania tax revenues from recycling and reuse businesses are estimated at \$305 million dollars per year.



Recycling Means Business in Pennsylvania

Recycling and Reuse Establishments	3,247
Recycling and Reuse Employment	81,322 jobs
Annual Sales Receipts.....	\$18.4 billion
Annual Payroll.....	\$2.9 billion
Indirect Benefits.....	\$1.8 billion
Taxes to General Fund(est.).....	<u>\$0.3 billion</u>
TOTAL	\$23.4 billion

Recycling Means Economic and Environmental Benefits for Pennsylvania



For YOU!

Automobiles, appliances and cans (steel) ...CAN BECOME... Wire, Automobiles, Bicycle frames

Leaves, fruits and vegetables ...CAN BECOME... Compost to help grow new gardens

Milk jugs and laundry detergent bottles (HDPE plastic) ...CAN BECOME... Decks and lumber, Toys

Glass bottles and Jars ...CAN BECOME... Glass tiles, Bottles and jars, Fiberglass insulation

Cardboard, office paper and newspaper ...CAN BECOME... New boxes, Greeting cards, Newsprint

Soda bottles and peanut butter containers (PET plastic) ...CAN BECOME... Fleece jacket, Fiberglass, Shower curtains, Carpet

Tires ...CAN BECOME... Flooring, Athletic tracks, Crumb rubber

Recycling Protects The Environment



Recycling Provides Industry with An Environmentally Preferable Source of Raw Materials

Supplying industry with recycled materials is environmentally preferable because it saves energy, conserves scarce natural resources and avoids carbon emissions from materials extraction, materials and product manufacturing, and waste disposal. In 2005, Pennsylvania recycling programs supplied industry with over 4.8 million tons of commodities like metals, paper, glass, plastics, wood, organics and other materials.

Recycling Conserves Natural Resources

Recycling conserves the world's natural resources and reduces the need for landfills and other disposal facilities, thus allowing land to be preserved or used in other ways. By recycling over 1.1 million tons of steel in 2005, Pennsylvania industries saved 1.4 million tons of iron ore, 829,786 tons of coal and 71,124 tons of limestone. Through recycling newsprint, office and mixed paper, we saved the equivalent of 78 million tree seedlings grown for 10 years.

Reduces Greenhouse Gas Emissions

Recycling in Pennsylvania reduced greenhouse gas emissions by 2.5 million metric tons of carbon equivalent, which is comparable to eliminating the emissions produced by 1.7 million cars and light trucks.

Recycling Saves Energy

Recycling in Pennsylvania saves more than 97 trillion BTUs of energy each year, enough to power 941,000 homes and the equivalent of saving 786 million gallons of gasoline.

Recycling Reduces Emissions of Air and Water Pollutants

Pennsylvania's recycling efforts reduced other air emissions, including 7,731 metric tons of sulfur oxides and 8,814 metric tons of nitrogen oxides. Water pollution reductions totaled more than 9,000 tons in 2004.





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Pennsylvania's Recycled Product Manufacturers

Automotive Supplies

Axion Battery Products, Inc. New Castle
East Penn Mfg. Lyon Station
Edge Rubber Chambersburg
Exide Corporation Reading
Mats From Flats Pequea

Bottles & Containers

Drug Plastic and Glass Co. Boyertown
Glenshaw Glass Co. Glenshaw
Graham Packaging York
Interstate Container Reading
Owens-Brockway Glass Clarion
Owens-Brockway Glass Brockway
Owens-Brockway Glass Crenshaw
Saint-Gobain Containers Port Allegany

Building Materials

Advanced Drainage Systems Muncy
Aeolian Enterprises Latrobe
Aged Wood York
American Recycled Wood & Pallet Portersville
Applegate Insulation Chambersburg
Armstrong World Industries Beaver Falls
Armstrong World Industries Marietta
Bil-Dry Corporation Philadelphia
BJM Industries Kittanning
Black Rhino West Mifflin
Bristolpipe Leola
Carlisle Tire & Wheel Carlisle
Cedar Hollow Recycling Phoenixville
Certainteed Valley Forge
Citilog Lewistown

Conklins Authentic Antique Barnwood Susquehanna
Crafcio Allentown
Delaware Valley Recycling Philadelphia
Dodge Regupol Lancaster
Emmanuel Tire of PA Conshohocken
Enviro-Products Inc. Dillsburg
Erie Energy Products Erie
Everlast Plastic Lumber Auburn
Expanko, Inc. Parkersburg
General Recreation Newtown Square
Global Rubber, Inc. King of Prussia
Insul-Board, Inc. Erie
Laminations, Inc. Scranton
Leapfrog Technologies Altoona
National Gypsum New Columbia
New Pig Corporation Tipton
Omni/Ajax Sugarloaf
Omni Products, Inc. Lancaster
Penn-Pro Insulation Washington
Permagrain Products Newtown Square
Phoenix Recycled Plastics Conshohocken

Polycycle, Inc. Scranton
Port Erie Plastics Harborcreek
Quality Fence & Supply New Holland
Recycled Rubber Technologies Somerset
Reifer Rubber Co. Manheim
Safety Turf Inc. Oaks
Santana Products, Inc. Scranton
Specialty Plastics Unlimited Blue Bell
Tarco Roofing Materials Green Castle
Winzinger Recycling Philadelphia
Yates Company Erie
Yorktowne Paper Mills York

Cans & Metals

Mittal Steel Steelton
U.S. Steel - Edgar Braddock
Thompson Works

Clothing & Accessories

Close the Loop Kunkletown
Coffee Vest Co. Pittsburgh
Knutes Lemont
Leo Sewell Philadelphia
Littlearth Productions Pittsburgh
New Threads Philadelphia
Performance Sports Apparel Reading
Rag Rugs Dillsburg
Rainbeau Philadelphia
Recycling Services Pottstown
White Light Productions Downingtown

Home & Yard

AgRecycle Pittsburgh
B & R Recycling Mechanicsburg
Bird Adobes Macungie
Casual Living Unlimited New Holland
Centre County SWA Bellefonte
Confab Corporation Wayne
Dumor Mifflintown
Dyco Industries Bloomsburg
G.I.S., Inc. McKees Rocks
Grandview Nurseries North Huntingdon
Greater Lebanon

Refuse Authority (GLRA) Lebanon
Grow Joe, Inc. Bellefonte
Henry Molded Products Lebanon
James Industries Holidaysburg
John Rock & Co. Coatesville

Keslick & Sons Modern West Chester
Arboculture Products Liverpool
Mahatango Tire, Inc. Ephrata
Martin Mulch Products
Miller's Wood Recycling Lewistown
National Sales & Supply Bensalem
Nelson Alternative Disposal Systems Waterford
Nursery Supplies, Inc. Chambersburg

J. A. Rutter Co. Monroeville
Omega Wood Products Marcus Hook
Pandya Inc. Johnstown
Reifen Rubber Co. Manheim
Reuben Stoltzfus Honey Brook
Safety Turf, Inc. Oaks
The Woodbed Company St. Marys
Waste Not Technologies Saylorsburg
Winans & Sedeski, Inc. Hallstead
Zeager Brothers Middletown
Zwicky and Sons Robesonia
Zwicky Processing & Recycling Fleetwood

Packaging Materials

Dart Container Corp. Leola
The DELTAPAPER Corp. Levittown
Foam Fabricators, Inc. Erie
Foam Fabricators, Inc. Bloomsburg
Foamex Eddystone
Isco Systems Biglerville
Raybob Packaging, Inc. Tullytown
Rewrap Philadelphia
Signode Consumable Plastics Downingtown
Tegant Corp. New Brighton
Treen Box and Pallet Co. Bensalem

Paper & Office

Adhesives Research Glen Rock
American Eagle Paper Mills Tyrone
American Renaissance Paper Bala Cynwyd
American Thermoplastic Pittsburgh
Cartridge World Various Locations
Connelly Container Philadelphia
Five Point Data Systems Perkasie
Laser Link, Inc. Boyertown
Laser Protech Berwick
Laser Supply Inc. Edgemont
Laser Technologies Exton
Laserlink, Ltd. Aston
Max International Paper Lancaster
Morco, Inc. Cochranton
Newman & Company Philadelphia
Newstech PA Northampton
Operation Good Brother Uniontown
P. H. Gladfelter Co. Spring Grove
Rock-Tenn Company Delaware Water Gap

Schuylkill Cartridge King Pottsville
Sealed Air Corp. Modena
Smurfit-Stone Container Corp. Philadelphia
Suriyage Art Lancaster
Westvaco Corporation Williamsburg
United Corstack, Inc. Reading
Yazoo Mills, Inc. New Oxford

Recycling Containers

Rehrig Pacific Company Erie
United Receptacle Pottsville
Windsor Barrel Works Kempton



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Commonwealth of Pennsylvania
Edward G. Rendell, Governor



Department of Environmental Protection
Kathleen A. McGinty, Secretary

For more information, visit DEP's Web site at www.depweb.state.pa.us,
Keyword: Recycle

Bureau of Waste Management 717-787-7382

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